

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits   | Search Query                            | DBs                                      | Default Operator | Plurals | Time Stamp          |
|-------|--------|---|--|------------------|---------|---------------------|
| S1    | 287    | (221/15).CCLS.                          | US-PGPUB;<br>USPAT; JPO;<br>DERWENT      | OR               | OFF     | 2008/06/05<br>01:57 |
| S2    | 25064  | (221/1-312C).CCLS.                      | US-PGPUB;<br>USPAT; JPO;<br>DERWENT      | OR               | OFF     | 2008/06/05<br>01:58 |
| S3    | 1761   | (700/231-244).CCLS.                     | US-PGPUB;<br>USPAT; JPO;<br>DERWENT      | OR               | OFF     | 2008/06/05<br>01:59 |
| S4    | 107411 | S3 OR "L4"                              | US-PGPUB;<br>USPAT; JPO;<br>DERWENT      | OR               | OFF     | 2008/06/05<br>01:59 |
| S5    | 26494  | S3 OR S2                                | US-PGPUB;<br>USPAT; JPO;<br>DERWENT      | OR               | OFF     | 2008/06/05<br>02:00 |
| S6    | 2828   | S5 tim\$3.CLM.                          | US-PGPUB;<br>USPAT; JPO;<br>DERWENT      | AND              | OFF     | 2008/06/05<br>02:00 |
| S7    | 1912   | S6 (dispens\$3 OR discharg<br>\$3).CLM. | US-PGPUB;<br>USPAT; JPO;<br>DERWENT      | AND              | OFF     | 2008/06/05<br>02:19 |
| S8    | 1312   | S7 (hand OR held OR<br>hand-held)       | US-PGPUB;<br>USPAT; JPO;<br>DERWENT      | AND              | OFF     | 2008/06/05<br>02:20 |
| S9    | 188    | S8 display\$3.CLM.                      | US-PGPUB;<br>USPAT; JPO;<br>DERWENT      | AND              | OFF     | 2008/06/05<br>02:20 |
| S10   | 4      | ("4,653,668") or<br>("5,805,051").PN.   | US-PGPUB;<br>USPAT; JPO;<br>DERWENT      | OR               | OFF     | 2008/06/05<br>02:22 |
| S11   | 6      | ("2233317").PN.                         | US-PGPUB;<br>USPAT; JPO;<br>DERWENT      | OR               | OFF     | 2008/06/05<br>02:23 |
| S12   | 0      | GB2233317                               | US-PGPUB;<br>USPAT; JPO;<br>DERWENT      | OR               | OFF     | 2008/06/05<br>02:24 |
| S13   | 0      | GB2233317                               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/06/05<br>02:24 |
| S14   | 2      | "GB 2233317"                            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/06/05<br>02:24 |

|     |     |  |                        |    |     |                  |
|-----|-----|--|------------------------|----|-----|------------------|
| S15 | 117 | ("3911856"   "4034757"   "4038937"   "4158411"   "4223801"   "4275384"   "4295567"   "4361408"   "4367955").PN. OR ("4419016").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/05 02:25 |
| S16 | 1   | 10/561,137   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/05 02:26 |
| S17 | 0   | ("2007/0138195").URPN.   | USPAT                  | OR | OFF | 2008/06/05 02:27 |
| S18 | 62  | ("3815780"   "3911856"   "3985264"   "3998356"   "4207992"   "4223801"   "4275384"   "4360125"   "4473884"   "4572403"   "4573606"   "4674651"   "4695954"   "4809877"   "4811764"   "4838453").PN. OR ("5176285").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/05 02:51 |
| S19 | 71  | ("3369697"   "3727794"   "3998356"   "4207992"   "4223801"   "4572403").PN. OR ("4674651").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/05 02:54 |
| S20 | 26  | ("1577592"   "1744854"   "4207992"   "4572403"   "4674651"   "4748600"   "4809877"   "4911327"   "5000343"   "5004966").PN. OR ("5323929").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/05 02:58 |
| S21 | 27  | ("4572403"   "4573606"   "4674651"   "4695954"   "4748600"   "4785969"   "4838453"   "4911327"   "5014875"   "5044516"   "5176285"   "5246136"   "5323929"   "5372276"   "5564593"   "5582323"   "5915589"   "5971594"   "6021918"   "6145697"   "6216910"   "6304797").PN. OR ("6510962").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/05 03:13 |

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|-----|----|--|------------------------------------|----|-----|------------------|
| S22 | 25 | (US-20070138195-\$ or US-20070170199-\$ or US-20060071011-\$ or US-20030127463-\$).did. or (US-4653668-\$ or US-5805051-\$ or US-4419016-\$ or US-4361408-\$ or US-6545592-\$ or US-5751661-\$ or US-6729330-\$ or US-6084504-\$ or US-5405045-\$ or US-4748600-\$ or US-5176285-\$ or US-5609268-\$ or US-4674651-\$ or US-5673812-\$ or US-5323929-\$ or US-6510962-\$ or US-7269476-\$ or US-6145697-\$ or US-6021918-\$ or US-5915589-\$).did. or (GB-2233317-\$).did. | US-PGPUB; USPAT; EPO               | OR | OFF | 2008/06/17 19:36 |
| S23 | 25 | (US-20070138195-\$ or US-20070170199-\$ or US-20060071011-\$ or US-20030127463-\$).did. or (US-4653668-\$ or US-5805051-\$ or US-4419016-\$ or US-4361408-\$ or US-6545592-\$ or US-5751661-\$ or US-6729330-\$ or US-6084504-\$ or US-5405045-\$ or US-4748600-\$ or US-5176285-\$ or US-5609268-\$ or US-4674651-\$ or US-5673812-\$ or US-5323929-\$ or US-6510962-\$ or US-7269476-\$ or US-6145697-\$ or US-6021918-\$ or US-5915589-\$).did. or (GB-2233317-\$).did. | US-PGPUB; USPAT; EPO               | OR | OFF | 2008/06/17 22:27 |
| S24 | 2  | ("2957503").PN.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/08/17 05:08 |
| S25 | 2  | ("4653668").PN.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/08/17 05:12 |
| S26 | 10 | "1643955"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/08/17 05:12 |
| S27 | 2  | ("20070095851").PN.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/08/17 05:13 |

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|-----|----|--|------------------------------------|----|-----|------------------|
| S28 | 24 | ("20030127463"   "20070145065"   "4419016"   "4939705"   "5915589"   "6021918"   "6148815"   "6249717"   "6328037"   "6510962"   "7198172").PN.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/08/17 05:17 |
| S29 | 14 | ("4653668"   "4939705"   "5300042"   "5751661"   "5805051"   "6131765"   "6761161").PN.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/08/17 05:18 |
| S30 | 41 | ("3004566"   "3067787"   "3182694"   "3189222"   "3300090"   "3409172"   "3480182"   "3604593"   "3620413"   "3622041"   "3637109"   "3833147"   "3896968").PN. OR ("4653668").URPN.   | US-PGPUB; USPAT; USOCR             | OR | OFF | 2009/08/17 05:21 |
| S31 | 6  | ("3189222").URPN.  | USPAT                              | OR | OFF | 2009/08/17 05:23 |
| S32 | 0  | "10311460"   | USPAT                              | OR | OFF | 2009/08/17 05:27 |
| S33 | 4  | "10311460"   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/08/17 05:27 |
| S34 | 12 | ("20040182879"   "3042257"   "3189222"   "3412897"   "3481513"   "4648529"   "5040675"   "6029850").PN. OR ("7487885").URPN.   | US-PGPUB; USPAT; USOCR             | OR | OFF | 2009/08/17 05:29 |
| S35 | 45 | ("1470199"   "1554066"   "1974332"   "2369232"   "2443861"   "2518986"   "2681529"   "2794289"   "3888113"   "3910461"   "3932141"   "4101284"   "4226335"   "4320087"   "4405060"   "4415098"   "4428146"   "4450647"   "4483092").PN. OR ("4648529").URPN. | US-PGPUB; USPAT; USOCR             | OR | OFF | 2009/08/17 05:32 |
| S36 | 5  | ("3042257").URPN.  | USPAT                              | OR | OFF | 2009/08/17 05:37 |
| S37 | 13 | ("3480182").URPN.  | USPAT                              | OR | OFF | 2009/08/17 05:56 |

8/17/2009 6:40:06 AM

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